

## AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An automated repurchase agreement trading system with tangible memory, the tangible memory storing one or more programs programmed to cause the automated trading system to comprising:

~~(a) a plurality of trading terminals, each having a user interface comprising a display and keyboard; and~~

~~(b) a central processor, for establishing communications between said trading terminals, said central processor storing net party counterparty exposure information, and indicating to a party a compensating margin transfer for the net party counterparty exposure based on said net party counterparty exposure information for a repurchase agreement opportunity;~~

make available to offerees a description of an offer for a wherein each of said trading terminals presents a hierarchal list of repurchase agreement opportunities and information related to the net party counterparty exposure, contract for acceptance or negotiation by a one of the offerees, the repurchase agreement offer proposing to obligate a seller to sell securities to a buyer and to obligate the seller to repurchase securities at a specified future date at a specified future price, the specified future price being the price of the sale plus imputed interest, the securities that are subject of the offer being two or more securities issues from among which the offeree may choose one or more; and

convey messages between the offeror and offeree to negotiate a wherein a user at a trading terminal can select one of said repurchase agreement contract based on the repurchase agreement offer, the messages including a selection from among the two or more offered securities that are to be the subject of the opportunities and communicate directly with a potential repurchase agreement contract, the automated trading system arranged to void any outstanding offers or negotiations on agreement of the offeror and offeree counterparty about the respective repurchase agreement opportunity.

2. (Original) The system according to claim 1, wherein a user remains anonymous until he communicates with a potential counterparty.

3. (Currently amended) The system according to claim 1, wherein the repurchase agreement offers are displayed to offerees as a hierarchal list is sorted according to [[a]] user defined criteria.

4. (Currently amended) The system according to claim 1, wherein the repurchase agreement offers are displayed to offerees as a hierarchal list [[is]] filtered according to [[a]] user defined criteria.

5. (Currently amended) The trading system according to claim 1, the memory further embodying programming to:

~~wherein the central processor transmit [[s]] information between the offeror and offeree by which the offeree supplies the open material terms to negotiate a repurchase agreement contract based on the repurchase agreement offer defining counterparty trading tickets upon successful conclusion of negotiation between counterparties.~~

6. (Currently amended) The trading system according to claim 1, wherein:  
the offered repurchase agreement offer proposes to sell securities at a sale price less than the market value of the offered securities ~~plurality of trading terminals are segregated between dealers and investors.~~

7-13. (Cancelled)

14. (Currently Amended) A ~~repurchase agreement exchange~~ method, comprising the steps of:

by automated trading system, making available to offerees one or more descriptions of providing a plurality of user terminals, each displaying a list of offers for repurchase agreements for acceptance or negotiation by a one of the offerees, a repurchase agreement offer proposing to obligate a seller to sell of securities to a prospective buyer and obligating the seller to repurchase securities at a specified future date at a specified future price, the specified future price being the price of the sale plus imputed interest, the securities that are subject of the offer being two or more securities issues from among which the offeree may choose one or more; and

~~receiving from a user terminal a user entry portion for defining potential repurchase agreement terms;~~

~~anonymously determining net party counterparty exposure information at a central location;~~

by automated trading system, communicating messages between offeror and offeree to negotiate a repurchase agreement contract based on the repurchase agreement offer, the messages including a selection from among the two or more offered securities that are to be the subject of the repurchase agreement contract, the automated trading system arranged to void any outstanding offers or negotiations on agreement of the offeror and offeree with a potential counterparty, based on an identification of a respective offer, through a negotiation communications interface, and

~~indicating to a party at a respective user terminal a compensating margin transfer for the net party counterparty exposure based on said net party counterparty exposure information for a repurchase agreement opportunity.~~

15. (Currently amended) The method according to claim 14, wherein a record is communicated between at least two user terminals comprising particulars of a proposed repurchase agreement contract, comprising an amount, a rate, a term, and an identification of securities collateral.

16. (Original) The method according to claim 15, wherein the particulars further comprise a margin.

17. (Currently amended) The method according to claim 15, wherein the identification of securities collateral comprises an issuer and a maturity range.

18. (Currently amended) The method according to claim 17, wherein the identification of the securities collateral further comprises a number of instruments representing the amount, and the record further identifies a disposition of securities collateral and a right of collateral substitution.

19. (Currently amended) The method ~~of according to~~ claim 14 [[15]], wherein:  
the repurchase agreement offer proposes to obligate the seller to repurchase securities within a range of securities substitutable for the sold securities at the option of the buyer ~~the record further comprises a free form text field.~~

20. (Original) The method according to claim 15, wherein a bid record is compared with an ask record to selectively indicate a difference therebetween.

21. (Currently amended) The method ~~of according to~~ claim 14 [[15]], wherein:  
the automated trading system controls making available the repurchase agreement offer or negotiating the repurchase agreement contract based at least in part on a preestablished master repurchase agreement between the offeror and offeree to whom the repurchase agreement offer is made available ~~a proposed modification of the particulars is extracted from the free form text field.~~

22. (Currently amended) The method according to claim 15, wherein the rate for the imputed interest is a funding rate distinct from an interest rate and a yield rate associated with the securities collateral.

23. (Currently amended) The method according to claim 14, wherein:  
the further comprising identifying a potential counterparty during negotiation, and prior to consummation, of a repurchase agreement offer proposes to obligate the seller to a short sale of securities.

24. (Currently amended) The method according to claim 14:  
wherein the repurchase agreement offer has one or more open material terms that may be supplied in a counteroffer by the offeree ~~obligates at least one of a user and a counterparty to performance of an act after closing of the repurchase agreement, and therefore presents a risk of non-performance;~~

and further comprising the step of, by automated trading system, conveying messages between the offeror and offeree by which they supply the open material terms to negotiate a repurchase agreement contract based on the repurchase agreement offer.

25. (Currently amended) The method according to claim 14, in which the repurchase agreement is structured to permit a first party to effect a collateralized loan from a second party with nominal transfer of ownership of the security from the first party to the second party, wherein the repurchase agreement presents at least one of a risk of default by the first party or second party and a securities collateral value fluctuation risk, and wherein the communicating with the offeree potential counterparty, through the negotiation communications interface, includes sufficient information to evaluate at least one of the default risk and the securities collateral value fluctuation risk, and to communicate collateralized loan terms.

26. (Previously Presented) The method according to claim 14, further comprising the step of hierarchically sorting the list of offers according to at least one hierarchal sort criterion.

27. (Currently amended) The method according to claim 14, wherein:  
the further comprising the step of confirming a repurchase agreement offer proposes to  
sell securities at a by generating reciprocal trade tickets, for both a sale price less than the market  
value of the offered securities and a forward purchase transaction.

28. (Currently amended) The method according to claim 14, wherein:  
the automated trading system provides the capability to display further comprising the  
step of assessing a fee to at least one of the user and counterparty to a repurchase agreement  
offers to the offerees in a tree format and permits offerees to select repurchase agreement offers  
of interest based on a value of the transaction.

29. (Previously Presented) The method according to claim 14, comprising the steps of  
defining a density profile, and updating the density profile after a transaction.

30. (Currently amended) The method according to claim 15, wherein the record further  
comprises a right of substitution, margin, and securities collateral type.

31. (Currently amended) The method according to claim 14, further comprising the  
steps of, for at least one of an existing repurchase agreement and an offeror-offeree party-  
counterparty pair, determining a net exposure in respect of one party against the other, and  
indicating a compensating margin transfer for the net exposure.

32. (Currently amended) The method of according to claim 14, wherein:  
the repurchase agreement offer includes one or more pairs of transactions, the  
transactions of a pair related by the automated trading system to require simultaneous and  
inseparable negotiation and/or acceptance by a one of the offerees and an offeror of the offeror of  
the pair, the automated trading system requiring that the two transactions of a pair be contracted  
for between the offeror and offeree simultaneously and inseparably further comprising the step  
of calculating a value and a yield of a security.

33. (Currently amended) The method according to claim 14:  
wherein a displayed list of offers initially does not identify an offeree ~~potential~~  
~~counterparty~~;  
further comprising the step of, after receiving from the offeror ~~user~~ potential repurchase  
agreement terms, identifying at least one offeree during said communicating step.

34. (Currently amended) The method ~~of according to~~ claim 14, wherein:  
the automated trading system provides the offeror with the capability to specify that the  
securities that are subject of the offer are selected from at least the group consisting of particular  
securities, two or more securities issues from among which the offeree may choose one or more,  
or an open term supplyable by the offeree ~~further comprising the step of filtering the list of offers~~  
~~with respect to counterparty identification.~~

35. (Currently amended) The method according to claim 14, further comprising the  
step of, for at least one of an existing repurchase agreement and an offeror-offeree ~~party-~~  
~~counterparty~~ pair, determining a net exposure in respect of one party against the other.

36. (Currently Amended) A repurchase agreement exchange method comprising the  
steps of:  
by automated trading system, making available to offerees a description of an offeror's  
offer for a ~~communicating with a plurality of terminals, each terminal being for at least one of:~~  
~~displaying a list of offers for repurchase agreement~~ [[s]] contract for acceptance or negotiation by  
a one of the offerees, the repurchase agreement offer proposing a pair of transactions:

- (a) an obligation of a selling party proposing the pair of transactions to sell securities to a  
prospective buyer, at a price less than the market value of the securities, the offered sell  
transaction proposing to obligate the seller to a short sale of the securities; and
- (b) an obligation of the selling party to ~~receiving an offer for repurchase agreements for~~  
securities from the buyer at a future date at a future price, the future price being the  
price of the sale plus imputed interest; and

~~the securities that are subject of the receiving from at least one terminal an offer for repurchase agreement [[s]] offer being two or more for securities issues from among which the offeree may choose one or more, the from a party defining potential repurchase agreement offer having one or more open material terms that may be supplied in a counteroffer by the offeree, the paired transactions related by the automated trading system to require simultaneous and inseparable negotiation and/or acceptance by a one of the offeror and offeree said potential repurchase agreement terms comprising at least identification of collateral, pricing of collateral, and repurchase term;~~

~~by automated trading system, providing the capability to display storing net party-counterparty exposure information representing at least one of a set of party-counterparty outstanding repurchase agreement [[s]] offers to the offerees in a tree format that permits offerees to select repurchase agreement offers of interest; and an aggregate of party-counterparty outstanding transactions;~~

~~by automated trading system, accepting input from the offeree by which the offeree indicates interest in the filtering, at a central server, a set of offers for repurchase agreement [[s]] of securities, based on at least identification of collateral, pricing of collateral, repurchase term, and a net counterparty exposure of a party for at least one of an offer, the messages including a selection from among the two or more offered securities that are to be the subject of the repurchase agreement contract, the messages supplying the open material terms, the automated trading system requiring that the two transactions of a pair be contracted for between the buying and selling party simultaneously and inseparably, the automated trading system controlling making available the repurchase agreement offer or negotiating the repurchase agreement contract based at least in part on a preexisting master repurchase agreement between the offeror and the offeree to whom the repurchase agreement offer is made available, the automated trading system arranged to void any outstanding offers or negotiations on agreement of the offeror and offeree and a party-counterparty pair, to produce a set of potential transactions;~~

~~communicating with a potential counterparty at another user terminal, without disclosing an identity of the party to the potential counterparty or the identity of the potential counterparty~~



~~to the party, at least one member of the set of possible transactions involving the potential counterparty; and~~

~~indicating a compensating margin transfer for the net counterparty exposure.~~

37. (new) A method, comprising the steps of:

by automated trading system, making available to offerees a description of an offeror's offer for a repurchase agreement contract for acceptance or negotiation by a one of the offerees, the repurchase agreement offer proposing to obligate a seller to sell securities to a prospective buyer and to obligate the seller to repurchase securities within a range of securities substitutable for the sold securities at the option of the buyer at a specified future date at a specified future price; and

by automated trading system, conveying messages between the offeror and offeree to negotiate a repurchase agreement contract based on the repurchase agreement offer.

38. (new) The method of claim 37, wherein:

the automated trading system controls making available the repurchase agreement offer or negotiating the repurchase agreement contract based at least in part on a preestablished master repurchase agreement between the offeror and offeree to whom the repurchase agreement offer is made available.

39. (new) The method of claim 37, wherein:

the repurchase agreement offer proposes to obligate the seller to a short sale of securities.

40. (new) The method of claim 37:

wherein the offer has one or more open material terms that may be supplied in a counteroffer by the offeree;

by automated trading system, conveying messages between the offeree and the offeror by which they supply the open material terms to negotiate a repurchase agreement contract based on the repurchase agreement offer.

41. (new) The method of claim 37, wherein:

the automated trading system provides the offeror with the capability to specify that the securities that are subject of the offer are selected from at least the group consisting of particular securities, two or more securities issues from among which the offeree may choose one or more, or an open term supplyable by the offeree.

42. (new) The method of claim 37, further comprising the steps of:

by automated trading system, calculating a net exposure of the parties relative to each other as value of the securities fluctuates, and sending notice to the buyer or seller of a requirement to transfer margin.

43. (new) A automated trading system with tangible memory, the tangible memory storing one or more programs programmed to cause the automated trading system to:

make available to offerees a description of a repurchase agreement offer for acceptance or negotiation by a one of the offerees, the repurchase agreement offer proposing to obligate a seller to sell securities to the offeree and to obligate the seller to repurchase securities within a range of securities substitutable for the sold securities at the option of the buyer at a specified future date at a specified future price; and

by automated trading system, conveying messages between the offeree and the offeror to negotiate a repurchase agreement contract based on the repurchase agreement offer.

44. (new) The automated trading system of claim 43, wherein:

the repurchase agreement offer proposes to sell securities at a sale price less than the market value of the offered securities.

45. (new) The automated trading system of claim 43, wherein:

the automated trading system provides the capability to display repurchase agreement offers to the offerees in a tree format and permits offerees to select repurchase agreement offers of interest.

46. (new) The automated trading system of claim 43, wherein:

the securities that are subject of the offer are two or more securities issues from among which the offeree may choose one or more; and

the automated trading system is arranged to void any outstanding offers or negotiations on agreement of the offeror and offeree.

47. (new) A method, comprising the steps of:

by automated trading system, making available to offerees a description of a repurchase agreement offer for acceptance or negotiation by a one of the offerees, the repurchase agreement offer proposing to obligate a seller to sell securities to a prospective buyer and to obligate the seller to repurchase securities at a specified future date at a specified future price, the specified future price being the price of the sale plus imputed interest; and

by automated trading system, conveying messages between the offeree and the offeror to negotiate a repurchase agreement contract based on the repurchase agreement offer, the automated trading system controlling making available the repurchase agreement offer or negotiating the repurchase agreement contract based at least in part on a preestablished master repurchase agreement between the offeror and offeree to whom the repurchase agreement offer is made available.

48. (new) The method of claim 47, wherein:

the repurchase agreement offer proposes to obligate the seller to a short sale of securities.

49. (new) The method of claim 47:

wherein the offer has one or more open material terms that may be supplied in a counteroffer by the offeree;

and further comprising the step of, by automated trading system, conveying messages between the offeree and the offeror by which they supply the open material terms to negotiate a repurchase agreement contract based on the repurchase agreement offer.

50. (new) The method of claim 47, wherein:

the repurchase agreement offer proposes to sell securities at a sale price less than the market value of the offered securities.

51. (new) The method of claim 47, further comprising the step of:

in response to the input from the offeree, revealing the identities of the offeror and offeree to each other.

52. (new) The method of claim 47, further comprising the step of:

in response to the input from the offeree, calculating one or more of the values from the group consisting of total counterparty exposure, discount rate, and offsetting transaction.

53. (new) The method of claim 47, further comprising the step of:

displaying descriptions of several repurchase agreement offers to a offeree, the display being organized in a tree format.

54. (new) The method of claim 47, further comprising the steps of:

by automated trading system, calculating a net exposure of the parties relative to each other as value of the securities fluctuates, and sending notice to the buyer or seller of a requirement to transfer margin.

55. (new) A automated trading system with tangible memory, the tangible memory storing one or more programs programmed to cause the automated trading system to:

make available to offerees a description of an offer for a repurchase agreement contract for acceptance or negotiation by a one of the offerees, the repurchase agreement offer proposing to obligate a seller to sell securities to a prospective buyer and to obligate the seller to repurchase securities at a specified future date at a specified future price, the specified future price being the price of the sale plus imputed interest; and

convey messages between the offeree and the offeror to negotiate a repurchase agreement contract based on the repurchase agreement offer, the automated trading system controlling making available the repurchase agreement offer or negotiating the repurchase agreement contract based at least in part on a preestablished master repurchase agreement between the offeror and the offeree to whom the repurchase agreement offer is made available.

56. (new) The automated trading system of claim 55, wherein:

the automated trading system provides the capability to display repurchase agreement offers to the offerees in a tree format and permits offerees to select repurchase agreement offers of interest.

57. (new) The automated trading system of claim 55, wherein:

the securities that are subject of the offer are two or more securities issues from among which the offeree may choose one or more; and

the automated trading system is arranged to void any outstanding offers or negotiations on agreement of the offeree and the offeror.

58. (new) The automated trading system of claim 55, wherein:

the repurchase agreement offer proposes to obligate the seller to repurchase securities within a range of securities substitutable for the sold securities at the option of the buyer.

59. (new) A method, comprising the steps of:

by automated trading system, making available to offerees a description of a repurchase agreement offer for acceptance or negotiation by a one of the offerees, the repurchase agreement offer proposing to obligate a seller to sell securities to a prospective buyer and to obligate the seller to repurchase securities at a specified future date at a specified future price, the specified future price being the price of the sale plus imputed interest, the repurchase agreement offer proposing to obligate the seller to a short sale of securities; and

by automated trading system, conveying messages between the offeree and the offeror to negotiate a repurchase agreement contract based on the repurchase agreement offer.

60. (new) The method of claim 59, wherein:

wherein the offer has one or more open material terms that may be supplied in a counteroffer by the offeree;

and further comprising the step of, by automated trading system, conveying messages between the offeree and the offeror by which they supply the open material terms to negotiate a repurchase agreement contract based on the repurchase agreement offer.

61. (new) The method of claim 59, wherein:

the repurchase agreement offer proposes to sell securities at a sale price less than the market value of the offered securities.

62. (new) The method of claim 59 wherein:

the securities that are subject of the offer being two or more securities issues from among which the offeree may choose one or more; and

the automated trading system is arranged to void any outstanding offers or negotiations on agreement of the offeree and the offeror.

63. (new) The method of claim 59, further comprising the steps of:

by automated trading system, calculating a net exposure of the parties relative to each other as value of the securities fluctuates, and sending notice to the buyer or seller of a requirement to transfer margin.

64. (new) A method, comprising the steps of:

by automated trading system, making available to offerees a description of a repurchase agreement offer for acceptance or negotiation by a one of the offerees, the repurchase agreement offer proposing to obligate a seller to sell securities to a prospective buyer and to obligate the seller to repurchase securities at a specified future date at a specified future price, the specified future price being the price of the sale plus imputed interest, the offer having one or more open material terms that may be supplied in a counteroffer by the offeree; and

by automated trading system, conveying messages between the offeree and the offeror by which they supply the open material terms to negotiate a repurchase agreement contract based on the repurchase agreement offer.

65. (new) The method of claim 64, wherein:

the repurchase agreement offer proposes to sell securities at a sale price less than the market value of the offered securities.

66. (new) The method of claim 82 wherein:

the automated trading system provides the capability to display repurchase agreement offers to the offerees in a tree format and permits respective offerees to select repurchase agreement offers of interest.

67. (new) The method of claim 64 wherein:

the securities that are subject of the offer being two or more securities issues from among which the offeree may choose one or more; and

the automated trading system is arranged to void any outstanding offers or negotiations on agreement of the offeree and the offeror.

68. (new) The method of claim 64, wherein:

the repurchase agreement offer proposes to obligate the seller to repurchase securities within a range of securities substitutable for the sold securities at the option of the buyer.

69. (new) The method of claim 64, wherein:

the automated trading system provides the offeror with the capability to specify that the securities that are subject of the offer are selected from at least the group consisting of particular securities, two or more securities issues from among which the offeree may choose one or more, or an open term supplyable by the offeree.

70. (new) The method of claim 64, wherein:

the repurchase agreement offer proposes to obligate the seller to repurchase the securities identical to those sold by the seller.

71. (new) The method of claim 64, wherein:

the repurchase agreement offer specifies class of securities.

72. (new) The method of claim 64, wherein:

the repurchase agreement offer specifies the specified repurchase date.

73. (new) The method of claim 64, wherein:

the repurchase agreement offer specifies the imputed interest rate or specified future price.

74. (new) The method of claim 64, wherein

the open term includes securities class.



75. (new) The method of claim 64, wherein  
the open term includes term to maturity of the securities.

76. (new) The method of claim 64, wherein  
the open term includes a right of substitution.

77. (new) The method of claim 64, wherein  
the open term includes the term of the repurchase agreement or the specified date for the  
repurchase.

78. (new) The method of claim 64, wherein  
the open term includes a margin amount.

79. (new) A automated trading system with tangible memory, the tangible memory  
storing one or more programs programmed to cause the automated trading system to:  
make available to offerees a description of a repurchase agreement offer for acceptance  
or negotiation by a one of the offerees, the repurchase agreement offer proposing to obligate a  
seller to sell securities to a prospective buyer and to obligate the seller to repurchase securities at  
a specified future date at a specified future price, the specified future price being the price of the  
sale plus imputed interest, the offer having one or more open material terms that may be supplied  
in a counteroffer by the offeree; and  
convey messages between the offeree and the offeror by which they supply the open  
material terms to negotiate a repurchase agreement contract based on the repurchase agreement  
offer.

80. (new) The automated trading system of claim 79, wherein:  
the automated trading system controls making available the repurchase agreement offer  
or negotiating the repurchase agreement contract based at least in part on a preestablished master

repurchase agreement between the offeror and the offeree to whom the repurchase agreement offer is made available.

81. (new) The automated trading system of claim 79, wherein:  
the repurchase agreement offer proposes to obligate the seller to a short sale of securities.

82. (new) A method, comprising the steps of:  
by automated trading system, making available to offerees a description of a repurchase agreement offer for acceptance or negotiation by a one of the offerees, the repurchase agreement offer proposing to obligate a seller to sell securities to a prospective buyer and to obligate the seller to repurchase securities at a specified future date at a specified future price, the specified future price being the price of the sale plus imputed interest, the sale price of the offered obligation to sell being at less than the market value of the offered securities; and  
by automated trading system, conveying messages between the offeree and the offeror to negotiate a repurchase agreement contract based on the repurchase agreement offer.

83. (new) The method of claim 82 wherein:  
the automated trading system provides the capability to display repurchase agreement offers to the offerees in a tree format and permits respective offerees to select repurchase agreement offers of interest.

84. (new) The method of claim 82 wherein:  
the securities that are subject of the offer being two or more securities issues from among which the offeree may choose one or more; and  
the automated trading system is arranged to void any outstanding offers or negotiations on agreement of the offeree and the offeror.

85. (new) The method of claim 82, wherein:

the repurchase agreement offer proposes to obligate the seller to repurchase securities within a range of securities substitutable for the sold securities at the option of the buyer.

86. (new) The method of claim 82, wherein:

the automated trading system controls making available the repurchase agreement offer or negotiating the repurchase agreement contract based at least in part on a preestablished master repurchase agreement between the offeror and the offeree to whom the repurchase agreement contract is made available.

87. (new) The method of claim 82, further comprising the steps of:

by automated trading system, calculating a net exposure of the parties relative to each other as value of the securities fluctuates, and sending notice to the buyer or seller of a requirement to transfer margin.

88. (new) A automated trading system with tangible memory, the tangible memory storing one or more programs programmed to cause the automated trading system to:

make available to offerees a description of a repurchase agreement offer for acceptance or negotiation by a one of the offerees, the repurchase agreement offer proposing to obligate a seller to sell securities to a prospective buyer and to obligate the seller to repurchase securities at a specified future date at a specified future price, the specified future price being the price of the sale plus imputed interest, the sale price of the offered obligation to sell being at less than the market value of the offered securities; and

convey messages between the offeree and the offeror to negotiate a repurchase agreement contract based on the repurchase agreement offer.

89. (new) The automated trading system of claim 88, wherein:

the repurchase agreement offer proposes to obligate the seller to a short sale of securities.

90. (new) The automated trading system of claim 88:

wherein the offer has one or more open material terms that may be supplied in a counteroffer by the offeree;

the automated trading system being further programmed to convey messages between the offeree and the offeror by which they supply the open material terms to negotiate a repurchase agreement contract based on the repurchase agreement offer.

91. (new) A method, comprising the steps of:

by automated trading system, making available to offerees a description of repurchase agreement offers for acceptance or negotiation by the offerees, the repurchase agreement offers proposing to obligate respective sellers to sell securities to prospective buyers and to obligate the respective sellers to repurchase securities at specified future dates at a specified future prices, the specified future prices being the prices of the sales plus imputed interest, the automated trading system providing the capability to display the repurchase agreement offers to the offerees in a tree format and permit respective offerees to select repurchase agreement offers of interest; and

by automated trading system, conveying messages between the offeree and the offeror to negotiate a repurchase agreement contract based on the repurchase agreement offer.

92. (new) The method of claim 91 wherein:

the securities that are subject of the offer being two or more securities issues from among which the offeree may choose one or more; and

the automated trading system is arranged to void any outstanding offers or negotiations on agreement of the offeree and the offeror.

93. (new) The method of claim 91, wherein:

the repurchase agreement offer proposes to obligate the seller to repurchase securities within a range of securities substitutable for the sold securities at the option of the buyer.

94. (new) The method of claim 91, wherein:

the automated trading system controls making available the repurchase agreement offer or negotiating the repurchase agreement contract based at least in part on a preestablished master repurchase agreement between the offeror and the offeree to whom the repurchase agreement contract is made available.

95. (new) The method of claim 91, wherein:

a top level of the tree is arranged by securities class.

96. (new) The method of claim 91, wherein:

a level of the tree is arranged by dealer name.

97. (new) The method of claim 91, wherein:

a level of the tree is arranged by transaction size.

98. (new) The method of claim 91, wherein:

a level of the tree is arranged by proximity of bid and ask.

99. (new) The method of claim 14, wherein:

the repurchase agreement offer proposes to obligate the seller to repurchase the securities identical to those sold by the seller.

100. (new) A method, comprising the steps of:

by automated trading system, making available to offeree parties offers of pairs of transactions, the transactions of a pair related by the automated trading system to require simultaneous and inseparable negotiation and/or acceptance by a one of the offeree parties and an offeror of a pair, the offered pairs of transactions each including:

- (a) an obligation of a selling one of the parties to sell securities to a buying one of the parties; and
- (b) an obligation of the selling party to repurchase securities from the buying party at a future date at a future price, the future price being the price of the sale plus imputed interest; and

by automated trading system, conveying messages between a prospective buying party and a prospective selling party to a pair of transactions by which they negotiate terms of one or both of the transactions, the automated trading system requiring that the two transactions of a pair be contracted for between the buying and selling party simultaneously and inseparably.

101. (new) The method of claim 100, wherein:

the securities that are subject of the offer are two or more securities issues from among which the offeree party may choose one or more; and

the conveyed messages include a selection from among the two or more offered securities that are to be the subject of the repurchase agreement contract between the buying party and the selling party, the automated trading system arranged to void any outstanding offers or negotiations that are inconsistent with the repurchase agreement contract reached between the buying party and the selling party that are inconsistent with the repurchase agreement contract.

102. (new) The method of claim 100, wherein:

the obligation of the selling party to repurchase gives the buying party an option to substitute a range of securities, and obligates the seller to repurchase the substituted securities.

103. (new) The method of claim 100, wherein:

the automated trading system controls making available the offers of transaction pairs or negotiation of terms based at least in part on a preestablished master repurchase agreement between the offeror and the offeree to whom the offer is made available.

104. (new) The method of claim 103, further comprising the step of:

in response to the input from the offeree party, revealing the identities of the offeror and offeree to each other.

105. (new) The method of claim 103, further comprising the step of:

in response to the input from the offeree party, calculating one or more of the values from the group consisting of total counterparty exposure, discount rate, and offsetting transaction.

106. (new) The method of claim 100, wherein:

an offered transaction pair proposes to obligate the seller to a short sale of securities.

107. (new) The method of claim 100, wherein:

the offered transaction pair proposes to obligate the seller to repurchase the securities identical to those sold by the seller.

108. (new) The method of claim 100, wherein:

the offered transaction pair specifies class of securities.

109. (new) The method of claim 100, wherein:

the offered transaction pair specifies the specified repurchase date.

110. (new) The method of claim 100, wherein:

the offered transaction pair specifies the imputed interest rate or specified future price.

111. (new) The method of claim 100, wherein:

a one of the offered transaction pairs has one or more open material terms that may be supplied in a counteroffer by a one of the prospective parties; and

the conveyed messages supply the open material terms to form a repurchase agreement contract based on the offered transaction pair.

112. (new) The method of claim 111, wherein:

the open term includes securities class.

113. (new) The method of claim 111, wherein:

the open term includes term to maturity of the securities.

114. (new) The method of claim 111, wherein:

the open term includes a right of substitution.

115. (new) The method of claim 111, wherein:

the open term includes the term of the repurchase agreement or the specified date for the repurchase.

116. (new) The method of claim 111, wherein:

the open term includes a margin amount.

117. (new) The method of claim 111, wherein:

the automated trading system provides the offeror with the capability to specify that the securities that are subject of the offer are selected from at least the group consisting of particular securities, two or more securities issues from among which the offeree party may choose one or more, or an open term supplyable by the offeree.



118. (new) The method of claim 100, wherein:  
the sale price of the offered obligation to sell is at less than the market value of the offered securities.

119. (new) The method of claim 100, further comprising the steps of:  
by automated trading system, calculating a net exposure of the parties relative to each other as value of the securities fluctuates, and sending notice to the buyer or seller of a requirement to transfer margin.

120. (new) The method of claim 100, wherein:  
the automated trading system provides the capability to display the repurchase agreement offers to the offeree parties in a tree format and permits respective offerees to select repurchase agreement offers of interest from the tree-format display.

121. (new) The method of claim 120, wherein:  
a top level of the tree is arranged by securities class.

122. (new) The method of claim 120, wherein:  
a level of the tree is arranged by dealer name.

123. (new) The method of claim 120, wherein:  
a level of the tree is arranged by transaction size.

124. (new) The method of claim 120, wherein:  
a level of the tree is arranged by proximity of bid and ask.